

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS**

1. (Canceled)
2. (Currently amended) A zoom lens ~~claimed in claim 1 wherein,~~ comprising:  
a first lens group having a negative refractive power as a whole,  
a second lens group having a negative refractive power as a whole, and  
a third lens group having a positive refractive power as a whole, arranged in said order  
from object side to image side, for zooming from a wide-angle end to a telephoto end by moving  
said third lens group from an image plane side to an object side as well as for correcting image  
plane changes required in accordance with said zooming by moving said second lens group;  
wherein  
said first lens group consists of a lens having a negative refractive power and a prism for  
changing a light path arranged in said order from the object side,  
said second lens group consists of a lens having a negative refractive power; and  
an aperture stop is provided between said second lens group and said third lens group.
3. (Currently amended) A zoom lens claimed in claim ~~1~~ 2 wherein,  
said first lens group's lens has an aspherical surface.
4. (Original) A zoom lens claimed in claim 3 wherein,  
said aspherical surface is formed on a surface with a smaller curvature radius.
5. (Original) A zoom lens claimed in claim 4 wherein,  
said aspherical surface is formed to have a weaker negative refractive power weakening  
toward its periphery.

6. (Currently amended) A zoom lens claimed in claim 1 wherein,  
said third lens group has at least one lens with a positive refractive power and at least one lens with a negative refractive power.

7. (Original) A zoom lens claimed in claim 6 wherein,  
said third lens group has a lens at a position closest to the object having a positive refractive power and an aspherical surface at least on one side.

8. (Currently amended) A zoom lens claimed in claim 1 wherein,  
the prism of said first lens group is formed to have an entrance surface and an exit surface both oblong in a direction perpendicular to a plane that includes an entrance axis and an exit axis.

9. (Currently amended) A zoom lens ~~claimed in claim 1~~ that comprising:  
a first lens group having a negative refractive power as a whole, a second lens group having a negative refractive power as a whole, and a third lens group having a positive refractive power as a whole, arranged in said order from an object side to an image plane side, for zooming from a wide-angle end to a telephoto end by moving said third lens group from the image plane side to the object side as well as for correcting image plane changes required in accordance with said zooming by moving said second lens group; wherein

said first lens group consists of a lens having a negative refractive power and a prism for changing a light path arranged in said order from the object side, and

said zoom lens satisfies the following equations (1) and (2):

(1)  $0.25 < |f_w/f_1| < 0.7$ ,

(2)  $\nu_1 > 40$ ,

where  $f_1$ : focal length of the first lens group,

$f_w$ : focal length of the total lens system at the wide-angle end, and

$\nu_1$ : Abbe number of the first lens group's lens.



where  $f_1$ : focal length of the first lens group,

$f_w$ : focal length of the total lens system at the wide-angle end, and

$\nu_1$ : Abbe number of the first lens group's lens.

17. (Original) A zoom lens claimed in claim 3 that satisfies the following equations (1) and (2):

$$(1) \quad 0.25 < |f_w/f_1| < 0.7,$$

$$(2) \quad \nu_1 > 40,$$

where  $f_1$ : focal length of the first lens group,

$f_w$ : focal length of the total lens system at the wide-angle end, and

$\nu_1$ : Abbe number of the first lens group's lens.

18. (Original) A zoom lens claimed in claim 2 that satisfies the following equation (3):

$$(3) \quad 0.1 < f_3/|f_2| < 0.8,$$

where  $f_2$ : focal length of the second lens group, and

$f_3$ : focal length of the third lens group.

19. (Original) A zoom lens claimed in claim 3 that satisfies the following equation (3):

$$(3) \quad 0.1 < f_3/|f_2| < 0.8,$$

where  $f_2$ : focal length of the second lens group, and

$f_3$ : focal length of the third lens group.

20. (Original) A zoom lens claimed in claim 9 that satisfies the following equation (3):

$$(3) \quad 0.1 < f_3/|f_2| < 0.8,$$

where  $f_2$ : focal length of the second lens group, and

$f_3$ : focal length of the third lens group.

21. (New) A zoom lens claimed in claim 2, wherein the zoom lens comprises less than nine optical elements.

22. (New) A zoom lens claimed in claim 2, wherein the zoom lens comprises less than seven lenses.

23. (New) A zoom lens claimed in claim 2, wherein the prism of the first lens group is positioned adjacent to the lens of the first lens group and is positioned adjacent to the lens of the second lens group.

24. (New) A zoom lens claimed in claim 2, wherein an exit surface of the prism at least partially faces the lens of the second lens group.